

Message Text

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INFO OCT-01 ISO-00 CIAE-00 PM-04 INR-07 L-03 ACDA-07
NSAE-00 PA-01 SS-15 PRS-01 SP-02 USIA-06 TRSE-00
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R 121304Z MAY 77
FM USMISSION NATO
TO SECDEF WASHDC
SECSTATE WASHDC 3575
INFO JCS WASHDC
USMCEB WASHDC
DCA WASHDC
CDR FT MONMOUTH NJ
USAECOM FT MONMOUTH NJ

C O N F I D E N T I A L SECTION 01 OF 02 NATO 03156

SECDEF FOR OASD(C3-I); JCS FOR J3; MONMOUTH FOR DIR TRI-
TAC; ECOM FOR PM, SINGARS

REF: USNATO 1214 DTG 051456Z MAR 77

E.O. 11652: GDS
TAGS: NATO ETEL MARR
SUBJECT: AD HOC COMMITTEE ON EQUIPMENT INTEROPERABILITY,
WORKING GROUP ON COMMUNICATIONS (AC/297-WG/1), MEETING
MAY 3-6, 1977

SUMMARY: THE SUBJECT WORKING GROUP MET IN BRUSSELS ON
3-6 MAY 1977 TO ADDRESS COMBAT NET RADIOS. THE GROUP
ASSIGNED VALUES TO SHORT TERM INTEROPERABILITY CHARACTER-
ISTICS FOR HIGH FREQUENCY (HF), VERY HIGH FREQUENCY
(VHF), AND ULTRA HIGH FREQUENCY (UHF) COMBAT NET RADIOS,
AND ALL BUT THREE NATIONS PROVIDED INFORMATION ON CHARAC-
TERISTICS OF, AND PLANS FOR, FUTURE REPLACEMENT PROGRAMS.
END SUMMARY.

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1. AC/297-WG/1 MET THE WEEK OF 3-6 MAY TO CONTINUE ITS
WORK ON INTEROPERABILITY OF COMBAT NET RADIOS. THE US
MEMBER WAS MR GEORGE SALTON, OASD(C3-I), AND HE WAS ASSIST-
ED BY MR J ALLEN, OPM, SINGARS, FT MONMOUTH, NJ.
DENMARK, PORTUGAL AND ICELAND DID NOT PARTICIPATE. THE
GERMAN REPS PARTICIPATED ON 3-4 MAY ONLY. MOST NATIONS

HAD PREVIOUSLY DISTRIBUTED INFORMATION ON THE PLANNED REPLACEMENT PROGRAMS FOR HF, VHF, AND UHF NET RADIOS.

2. THE GROUP CONSIDERED THE PROPOSED BELGIAN AMENDMENT TO THE TERMS OF REFERENCE (REF A) AND AGREED TO WORDING THAT WG/1 WOULD TAKE INTO CONSIDERATION THE PROBLEM OF ASSURING ELECTROMAGNETIC COMPATIBILITY OF NEW NET RADIOS WITH EQUIPMENT IN THE BATTLEFIELD.

3. WG/1 MEMBERS AGREED TO VALUES FOR MANY OF THE 13 INTEROPERABILITY CHARACTERISTICS FOR RADIOS IN THE HF, VHF, UHF RANGES, STRESSING THOSE VALUES WHERE CLEAR ANALOG VOICE INTEROPERABILITY CAN BE ATTAINED. THE CHAIRMAN (SPENCER, IS) SUGGESTED THAT THE MEMBERS UTILIZE, AS VALUES OF CHARACTERISTICS NECESSARY FOR SECURE DIGITAL INTEROPERABILITY, THOSE OF THE UK'S CLANSMAN NET RADIOS FOR VHF. THE UK WILL PROVIDE THESE VALUES TO THE MEMBERS BY MESSAGE WITHIN TWO WEEKS. MEMBERS WERE ASKED TO OBTAIN NATIONAL POSITIONS (I.E. IMPACT ON EXISTING OR PLANNED EQUIPMENTS) IF THESE VALUES ARE ADOPTED AND TO BE PREPARED TO DISCUSS THE RESULTS AT THE NEXT MEETING. NO SIMILAR ARRANGEMENT WAS PROPOSED FOR OBTAINING VALUES FOR INTEROPERABILITY CHARACTERISTICS OF DIGITAL TRANSMISSION FOR HF OR UHF RADIOS.

4. THE FRENCH MEMBER REPEATEDLY RAISED THE QUESTION OF PROVIDING INTERFACE PARAMETERS FOR COMSEC AND REQUESTED INFORMATION FROM THE US AND THE UK ON THE VINSON AND LAMBERTON SYSTEM. BOTH THE US AND UK MEMBERS STATED THAT THEY WOULD SEEK ADVICE AND INFORMATION FROM THEIR NATIONAL CONFIDENTIAL

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COMSEC AUTHORITIES AND WOULD ATTEMPT TO PROVIDE NECESSARY INTERFACE INFORMATION. THE CHAIRMAN ASKED THE US AND UK MEMBERS WHETHER THEIR NATIONS WOULD CONTINUE TO PURSUE THE VINSON AND LAMBERTON PROGRAMS SHOULD THE NATO NATIONS NOT AGREE TO STANDARDIZATION OF THESE SYSTEMS. BOTH STATED THEY WERE UNABLE TO ANSWER THE QUESTION, BUT INFORMED THE GROUP THAT BY THE END OF 1978 EACH NATION WOULD HAVE MADE A CONSIDERABLE INVESTMENT AND WOULD HAVE ALREADY PRODUCED SIGNIFICANT NUMBERS (5,000 TO 10,000) OF THESE EQUIPMENTS. THE US MEMBER EMPHASIZED THAT THIS SITUATION CALLED FOR EARLY RESOLUTION OF THE COMSEC CHARACTERISTICS.

5. ALL MEMBERS WERE ASKED TO STUDY THE INPUTS FROM OTHER NATIONS IN PREPARATION FOR THE NEXT MEETING. HOWEVER, DENMARK, GREECE, ICELAND, PORTUGAL, AND TURKEY DID NOT PROVIDE INFORMATION ON CHARACTERISTICS AND PLANS FOR FUTURE NET RADIOS.

6. THE WORKING GROUP AGREED TO THE FOLLOWING AGENDA FOR

THE NEXT MEETING:

A. EXAMINE AND DISCUSS PROPOSED VALUES FOR CHARACTERISTICS
BASED ON NATIONAL REVIEWS.

B. EXAMINE AND DISCUSS THE TABLE DETAILING NATIONAL PLANS
FOR AND PRINCIPAL CHARACTERISTICS OF NEW NET RADIO
EQUIPMENT.

C. DESCRIBE NATIONAL TECHNIQUES BEING STUDIED AND PLANS

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FOR DEVELOPMENT AND ACQUISITION OF ECCM EQUIPMENT FOR NET
RADIOS.

D. REVIEW OUTLINE OF DRAFT REPORT TO THE AD HOC COMMITTEE
(THE ACTING CHAIRMAN WILL DRAFT THE OUTLINE AND PRESENT IT
AT THE NEXT MEETING).

E. DISCUSS THE PROBLEMS OF INTERFACING COMBAT NET RADIOS
WITH CURRENTLY PLANNED OR FIELDED NATIONAL TACTICAL AREA
COMMUNICATIONS SYSTEMS.

7. THE WORKING GROUP AGREED TO DATES FOR ITS NEXT TWO
MEETINGS AS FOLLOWS:

A. 8-10 JUNE 1977.

B. 29 AUG - 2 SEP 1977.STREATOR

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